

FORM PTO - 1449

## INFORMATION DISCLOSURE STATEMENT

ATTY DOCKET NO.: BSC-009DV

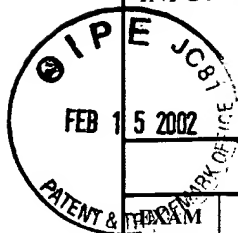
APPLICANT: Crowley

SERIAL NO.: 09/879,433

FILING DATE: June 12, 2001

## U.S. PATENT DOCUMENTS

INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>dm</i>	A1	2,002,559	05/28/35	Wappler		
<i>dm</i>	A2	2,583,937	01/29/52	Fossati		
<i>dm</i>	A3	3,176,114	03/30/65	Kneisley		
<i>dm</i>	A4	3,469,685	10/23/67	Baermann		
<i>dm</i>	A5	3,593,706	7/20/71	Schubert		
<i>dm</i>	A6	4,197,944	4/15/80	Catlin		
<i>dm</i>	A7	4,233,493	11/11/80	Nath		
<i>dm</i>	A8	4,274,706	06/23/81	Tangonan		
<i>dm</i>	A9	4,289,966	09/15/81	Roberts		
<i>dm</i>	A10	4,340,307	07/20/82	Diamond et a.		
<i>dm</i>	A11	4,349,031	9/14/82	Perlin		
<i>dm</i>	A12	4,472,728	09/18/84	Grant et al.		
<i>dm</i>	A13	4,528,986	7/16/85	Arurudel et al.		
<i>dm</i>	A14	4,535,233	8/13/85	Abraham		
<i>dm</i>	A15	4,541,272	09/17/85	Bause		
<i>dm</i>	A16	4,548,505	10/22/85	Ono		
<i>dm</i>	A17	4,556,057	12/03/85	Hiruma et al.		
<i>dm</i>	A18	4,560,286	12/24/85	Wickersheim		
<i>dm</i>	A19	4,565,974	01/21/86	Smoot		
<i>dm</i>	A20	4,566,057	12/03/85	Hinima et al.		
<i>dm</i>	A21	4,570,638	2/18/86	Stoddart et al.		
<i>dm</i>	A22	4,578,061	03/25/86	Lemelson		
<i>dm</i>	A23	4,623,786	11/18/86	Rodwell		
<i>dm</i>	A24	4,672,972	06/16/87	Berke		
<i>dm</i>	A25	4,674,093	06/16/87	Angerstein et al.		

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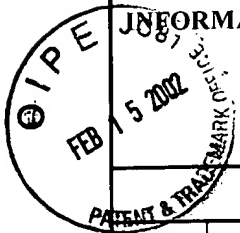
FILING DATE: June 12, 2001

## U.S. PATENT DOCUMENTS

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dm	A26	4,718,417	01/12/88	Kittrell <i>et al.</i>	11	11	
dm	A27	4,750,216	06/07/88	Boyce	11	11	
dm	A28	4,768,513	9/6/88	Suzuki	11	11	
dm	A29	4,782,819	11/8/88	Adair	11	11	
dm	A30	4,798,956	1/17/89	Hochstein	11	11	
dm	A31	4,803,992	02/14/89	Lemelson	11	11	
dm	A32	4,813,790	03/21/89	Frankel <i>et al.</i>	11	11	
dm	A33	4,821,117	4/11/89	Sekiguchi	11	11	
dm	A34	4,850,043	07/18/89	Winston	11	11	
dm	A35	4,872,458	10/10/89	Kanshira <i>et al.</i>	11	11	
dm	A36	4,882,482	11/21/89	Smith <i>et al.</i>	11	11	
dm	A37	4,882,623	11/21/89	Uchikubo	11	11	
dm	A38	4,888,562	12/19/89	Edler	11	11	
dm	A39	4,894,547	1/16/90	Leffell <i>et al.</i>	11	11	
dm	A40	4,895,138	1/23/90	Yabe	11	11	
dm	A41	4,895,156	01/23/90	Schulze	11	11	
dm	A42	4,898,175	02/06/90	Noguchi	11	11	
dm	A43	4,902,896	02/20/90	Fertig Sr. <i>et al.</i>	11	11	
dm	A44	4,916,534	4/10/90	Takahasi <i>et al.</i>	11	11	
dm	A45	4,928,172	05/22/90	Uehara <i>et al.</i>	11	11	
dm	A46	4,930,516	06/05/90	Alfano <i>et al.</i>	11	11	
dm	A47	4,938,602	07/03/90	May <i>et al.</i>	11	11	
dm	A48	4,981,138	01/01/91	Deckelbaum <i>et al.</i>	11	11	
dm	A49	5,001,556	03/19/91	Nakamura <i>et al.</i>	11	11	
dm	A50	5,009,655	04/23/91	Daignault, Jr. <i>et al.</i>	11	11	

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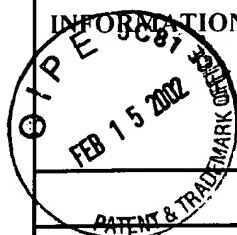
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## U.S. PATENT DOCUMENTS

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dm	A51	5,019,075	5/28/91	Spears et al.	11	1	
dm	A52	5,021,888	01/04/91	Knodou et al.	11	1	
dm	A53	5,034,010	07/23/91	Kittrell et al.	11	1	
dm	A54	5,036,853	8/6/91	Jeffcoat et al.	11	1	
dm	A55	5,042,494	08/27/91	Alfano	11	1	
dm	A56	5,045,056	09/03/91	Behl	11	1	
dm	A57	5,056,503	10/15/91	Nagasaki et al.	11	1	
dm	A58	5,062,428	11/05/91	Chance	11	1	
dm	A59	5,073,700	12/17/91	D'Onofrio	11	1	
dm	A60	5,106,387	04/21/92	Kittrell et al.	11	1	
dm	A61	5,115,137	05/19/92	Andersson-Engels	11	1	
dm	A62	5,116,759	05/26/92	Klainer et al.	11	1	
dm	A63	5,125,404	06/30/92	Kittrell et al.	11	1	
dm	A64	5,127,407	07/07/92	Tan	11	1	
dm	A65	5,131,398	07/21/92	Alfano et al.	11	1	
dm	A66	5,152,295	10/6/92	Kobayashi et al.	11	1	
dm	A67	5,166,755	11/24/92	Gat	11	1	
dm	A68	5,166,819	11/24/92	Eichel	11	1	
dm	A69	5,172,693	12/22/92	Doody	11	1	
dm	A70	5,174,297	12/29/92	Daikuzono	11	1	
dm	A71	5,187,572	02/16/93	Nakamura et al.	11	1	
dm	A72	5,187,672	02/16/93	Chance et al.	11	1	
dm	A73	5,190,538	3/2/93	Hussein et al.	11	1	
dm	A74	5,193,542	03/16/93	Missanelli et al.	11	1	
dm	A75	5,197,470	03/30/93	Helfer et al.	11	1	
dm	A76	5,198,658	03/30/93	Rydin	11	1	

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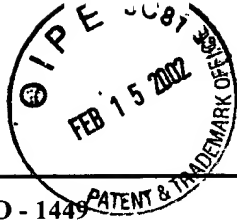
## PATENT &amp; TRADEMARK INFORMATION U.S. PATENT DOCUMENTS

EXAM INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>dm</i>	A77	5,199,431	4/6/93	Kittrell et al.			
<i>dm</i>	A78	5,201,318	4/13/93	Rava et al.			
<i>dm</i>	A79	5,206,174	04/27/93	Gehrke et al.			
<i>dm</i>	A80	5,213,569	5/25/93	Davis			
<i>dm</i>	A81	5,216,386	06/01/93	Wyatt			
<i>dm</i>	A82	5,222,477	6/29/93	Lia			
<i>dm</i>	A83	5,233,621	08/03/93	Lawandy			
<i>dm</i>	A84	5,242,437	09/07/93	Everett et al.			
<i>dm</i>	A85	5,261,410	11/16/93	Alfano et al.			
<i>dm</i>	A86	5,262,645	11/16/93	Lambert			
<i>dm</i>	A87	5,280,788	1/25/94	Janes et al.			
<i>dm</i>	A88	5,287,340	02/15/94	Chapman et al.			
<i>dm</i>	A89	5,304,173	4/19/94	Kittrell et al.			
<i>dm</i>	A90	5,305,748	04/26/94	Wilk			
<i>dm</i>	A91	5,309,907	05/10/94	Fang et al.			
<i>dm</i>	A92	5,318,024	06/07/94	Kittrell et al.			
<i>dm</i>	A93	5,335,663	8/9/94	Oakley et al.			
<i>dm</i>	A94	5,345,073	09/06/94	Chang et al.			
<i>dm</i>	A95	5,348,018	9/20/94	Alfano et al.			
<i>dm</i>	A96	5,350,375	09/27/94	Deckelbaum et al.			
<i>dm</i>	A97	5,351,532	10/04/94	Hager			
<i>dm</i>	A98	5,377,676	01/03/95	Vari et al.			
<i>dm</i>	A99	5,382,920	01/17/95	Jung			
<i>dm</i>	A100	5,383,467	1/24/95	Auer et al.			
<i>dm</i>	A101	5,386,827	02/07/95	Chance et al.			
<i>dm</i>	A102	5,398,844	03/21/95	Zaslavsky et al.			

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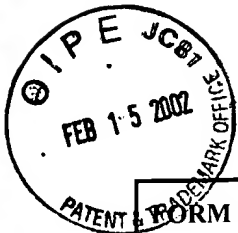
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U.S. PATENT DOCUMENTS							
EXAM INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
dm	A103	5,402,778	4/4/95	Chance			
dm	A104	5,402,792	04/04/95	Kimura			
dm	A105	5,402,801	04/04/95	Taylor			
dm	A106	5,404,881	4/11/95	Cathaud et al.			
dm	A107	5,405,369	04/11/95	Selman et al.			
dm	A108	5,408,992	4/25/95	Hamlin et al.			
dm	A109	5,408,998	04/25/95	Mersch			
dm	A110	5,413,108	5/9/95	Alfano			
dm	A111	5,417,207	05/23/95	Young et al.			
dm	A112	5,417,210	05/23/95	Funda et al.			
dm	A113	5,419,323	05/30/95	Kittrell et al.			
dm	A114	5,421,337	6/6/95	Richards-Kortum et al.			
dm	A115	5,421,339	06/06/95	Ramanujam et al.			
dm	A116	5,439,000	8/8/95	Gunderson et al.			
dm	A117	5,445,608	08/29/95	Chen et al.			
dm	A118	5,452,723	09/26/95	Wu et al.			
dm	A119	5,456,252	10/10/95	Vari et al.			
dm	A120	5,461,229	10/24/95	Sauter et al.			
dm	A121	5,467,767	11/21/95	Alfano et al.			
dm	A122	5,477,370	12/19/95	Little et al.			
dm	A123	5,512,757	4/30/96	Cederstrand et al.			
dm	A124	5,515,392	05/07/96	Teremy			
dm	A125	5,517,313	5/14/96	Colvin, Jr.			
dm	A126	5,517,997	05/21/96	Fontenot			
dm	A127	5,540,691	07/30/96	Elstrom et al.			
dm	A128	5,542,928	08/06/96	Evans et al.			
EXAMINER					DATE CONSIDERED		



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U.S. PATENT DOCUMENTS							
EXAM INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
dm	A129	5,545,897	8/13/96	Jack			
dm	A130	5,553,614	09/10/96	Chance			
dm	A131	5,555,885	9/17/96	Chance			
dm	A132	5,556,421	09/17/96	Prutchi et al.			
dm	A133	5,562,100	10/8/96	Kittrell et al.			
dm	A134	5,571,152	11/05/96	Chen et al.			
dm	A135	5,579,773	12/3/96	Vo-Dinh et al.			
dm	A136	5,592,124	01/07/97	Mullins			
dm	A137	5,596,988	01/28/97	Markle et al.			
dm	A138	5,610,709	3/11/97	Arrington et al.			
dm	A139	5,617,857	4/8/97	Chader et al.			
dm	A140	5,626,139	05/06/97	Szeles et al.			
dm	A141	5,632,740	5/27/97	Koch et al.			
dm	A142	5,646,573	07/08/97	Bayruns et al.			
dm	A143	5,647,368	07/15/97	Zeng et al.			
dm	A144	5,696,657	12/09/97	Nourcier, Jr. et al.			
dm	A145	5,701,902	12/30/97	Vari et al.			
dm	A146	5,714,909	02/03/98	Jackson			
dm	A147	5,730,134	03/24/98	Dumoulin et al.			
dm	A148	5,743,260	04/28/98	Chung et al.			
dm	A149	5,767,538	06/16/98	Mullins et al.			
dm	A150	5,769,791	6/23/98	Benaron et al.			
dm	A151	5,785,658	07/28/98	Benaron et al.			
dm	A152	5,792,053	8/11/98	Skladnev et al.			
dm	A153	5,799,656	9/1/98	Alfano et al.			
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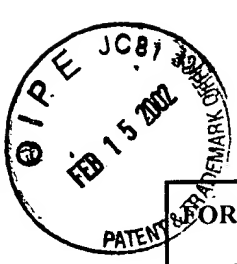
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U.S. PATENT DOCUMENTS							
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dm	A154	5,800,350	9/1/98	Coppleson et al.			
dm	A155	5,800,478	09/01/98	Chen et al.			
dm	A156	5,801,588	09/01/98	Nishiyama			
dm	A157	5,807,261	9/15/98	Benaron et al.			
dm	A158	5,819,736	10/13/98	Avny et al.			
dm	A159	5,829,878	11/3/98	Weiss et al.			
dm	A160	5,830,146	11/3/98	Skladnev et al.			
dm	A161	5,842,995	12/1/98	Mahadevan-Jansen et al.			
dm	A162	5,851,181	12/22/98	Talmor			
dm	A163	5,875,050	02/23/99	Ota			
dm	A164	5,879,289	3/9/99	Yarush et al.			
dm	A165	5,885,293	03/23/99	McDevitt			
dm	A166	5,893,364	4/13/99	Haar et al.			
dm	A167	5,902,247	5/11/99	Coe et al.			
dm	A168	5,908,294	6/1/99	Schick et al.			
dm	A169	5,928,137	07/27/99	Green			
dm	A170	5,941,822	8/24/99	Skladnev et al.			
dm	A171	6,096,065	8/1/00	Crowley			
dm	A172	6,119,031	9/12/00	Crowley et al.			
dm	A173	6,149,591	11/21/00	Henderson et al.			
dm	A174	6,185,443	2/6/01	Crowley			
dm	A175	6,238,348	5/29/01	Crowley et al.			
dm	A176	6,240,312	5/29/01	Alfano et al.			
EXAMINER				DATE CONSIDERED			

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## FOREIGN PATENT DOCUMENTS

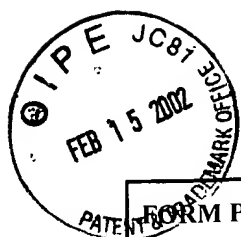
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<i>dm</i>	B1	888 727	09/03/53	DE					N
<i>dm</i>	B2	30 23 130	01/21/82	DE					N
	B3	40 05 743 A1	08/29/91	DE					N
	B4	195 12 518	04/04/95	DE					N
	B5	0 304 321	2/22/89	EP				N	Y
	B6	0 314 937 A2	5/10/89	EP				N	Y
	B7	0 629 380	12/21/94	EP					Y
	B8	0 650 694 A1	05/03/95	EP					Y
	B9	0 728 440 A3	08/28/96	EP					N
	B10	0 777 119 A2	06/04/97	EP					N
<i>dm</i>	B11	0 792 618	09/03/97	EP				N	Y
	B12	0 920 831	06/09/99	EP					Y
<i>dm</i>	B13	02-223828	09/06/90	JP					N
	B14	05-235327	04/04/95	JP					N
<i>dm</i>	B15	07-88105	04/04/95	JP					N
<i>dm</i>	B16	07-289506	11/07/95	JP					N
<i>dm</i>	B17	08-83569	03/26/96	JP					N
<i>dm</i>	B18	09-192138	09/29/97	JP					N
<i>dm</i>	B19	WO 90/04352	05/03/90	PCT					Y
	B20	WO 90/12536	11/01/90	PCT					Y
	B21	WO 91/15151	10/17/91	PCT				N	Y
<i>dm</i>	B22	WO 92/14514	09/03/92	PCT				N	Y
	B23	WO 92/15253	09/17/92	PCT					Y
<i>dm</i>	B24	WO 94/13191	06/23/94	PCT				N	Y
	B25	WO 95/12349	05/11/95	PCT					Y

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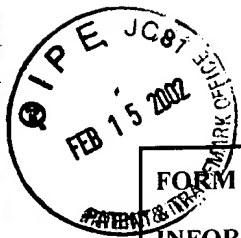
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<i>dm</i>	B26	WO 96/05693	02/22/96	PCT	<i>---</i>	<i>---</i>			Y
	B27	WO 96/07451	03/14/96	PCT	<i>---</i>	<i>---</i>			Y
	B28	WO 96/24406	08/15/96	PCT	<i>---</i>	<i>---</i>			Y
<i>dm</i>	B29	WO 96/39932	12/19/96	PCT	<i>---</i>	<i>---</i>		N	Y
	B30	WO 97/01985	01/23/97	PCT	<i>---</i>	<i>---</i>		N	Y
<i>dm</i>	B31	WO 98/22805	05/28/98	PCT	<i>---</i>	<i>---</i>		N	Y
OTHER ART, JOURNAL ARTICLES, ETC.									
EXA M. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C1	Anidjar, et al., "Ultraviolet Laser-Induced Autofluorescence Distinction Between Malignant and Normal Urothelial Cells and Tissues," <u>J. of Biomed. Optics</u> 1(3), 335-341 (July 1996).							
	C2	Bollinger, et al., " <a href="http://iqe.ethz.ch/fpst/Final_Report/M4/M4PO4-1.html">http://iqe.ethz.ch/fpst/Final_Report/M4/M4PO4-1.html</a> , July 25, 1996 - LESIT Final Report 1995, Module 4 Microsensor Technology (Baltes), Project 4.4: Integrated UV-Sensor							
	C3	Coleman, et al., "Acoustic Emission and Sonoluminescence Due to Cavitation at the Beam Focus of an Electrohydraulic Shock Wave Lithotripter," <u>Ultrasound in Med. &amp; Biol.</u> 18(3), 267,281 (1992).							
	C4	Cothren et al., "Gastrointestinal Tissue Diagnosis by Laser-Induced Fluorescence Spectroscopy at Endoscopy" <u>Gastro Endoscopy</u> , Vol. 36 No. 2, pp. 105-111, 1990.							
	C5	Crowley et al., "Ultrasound Guided Therapeutic Catheters: Recent Developments and Clinical Results," <u>Int'l Journal of Cardiac Imaging</u> 6 145-156 (1991).							
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	C12	Lilge et al., "Light Induced Fluorescence Spectroscopy at Endoscopy", <u>Presented at the 10th Asisan Pacific Congress of Gastroenterology</u> , 1996.	
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